

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

rst Named

Inventor : Alejandro Acero

Group Art Unit:

2655

Appln. No.: 09/842,416

Filed

: April 25, 2001

For

SOUND SOURCE SEPARATION USING

CONVOLUTIONAL MIXING AND A PRIORI SOUND SOURCE KNOWLEDGE

Huyen Vo

Examiner:

Docket No.: M61.12-0377

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 I HEREBY CERTIFY THAT THIS PAPER IS BEING SENT BY U.S. MAIL, FIRST CLASS, TO THE COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, THIS

PATENT ATTORNEY

Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed.

TIME OF FILING

The information disclosure statement is being filed:

- 1. with the application or within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on merits, whichever event occurs last. In accordance with 37 C.F.R. § 1.97(b), no statement or fee is required.
- 2. after the time period specified in paragraph 1 above, Х but before the mailing date of a final action under 37 C.F.R. § 1.113 or notice of allowance under 37 C.F.R. § 1.311. Therefore, in accordance with 37 C.F.R. § 1.97(c), submitted herewith is:

(check either A or B below)



- A. a statement as specified in 37 C.F.R. § 1.97(e).
- B. X the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c).
- 3. ___ after the mailing date of either a final action under 37 C.F.R. § 1.113 or a notice of allowance under 37 C.F.R. § 1.311, whichever occurs first, but before payment of the issue fee. Therefore, Applicant petitions for consideration and submits herewith:
 - A. a statement as specified in 37 C.F.R. § 1.97(e);
 - B. the petition fee set forth in 37 C.F.R. § 1.17(p).

STATEMENT

(only used if No. 2(A) or No. 3 above is checked) The person(s) signing below certify

(check appropriate paragraph)

that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(1).

OR

that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. \S 1.56(c) more than three months prior to the filing of this statement. 37 C.F.R. \S 1.97(e)(2).

METHOD OF PAYMENT

No fee is required.

X Attached is a charge authorization in the amount of \$180.00.



The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

Ву:

Koehler, Reg. No. 36,188 Suite 1600 - International Centre

900 Second Avenue South

Minneapolis, Minnesota 55402-3319 Phone: (612) 334-3222

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SMK:lms

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FORM PTO	0-144	19				y. Docket 12-0377	No.:	Appl. No.: 09/842,416	
AUG 12 201	APPLICANT'S INFORMATION DISCLOSURE STATEMENT					First Named Inventor: Alejandro Acero			
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			**.	U.S. PATENT DOCUMENT	rs				
Examin Initia		Document No.	Date	Name		Class	Sub Class	Filing Date If Appropriate	
F	AA	5,026,051	6/25/91	Lowe et al.		273	435		
F	AВ	5,052,685	10/1/91	Lowe et al.		273	460		
I	AC A	5,138, 660	8/11/92	Lowe et al.		381	17		
I	AD.	5,272,757	12/21/93	Scofield et al.		381	25		
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I	AF	5,436,975	7/25/95	Lowe et al.		381	17		
	AG	5,448,287	9/5/95	Hull		348	39		

FOREIGN PATENT DOCUMENTS

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	Document No.	Date	Country	Class	Sub Class	Translation Yes No
AP						
AQ						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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5,473,343

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EXAMINER: DATE CONSIDERED:

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1/23/96

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6/16/98

1/19/99

2/2/99

2/16/99

11/30/99

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	Atty. Docket No.: M61.12-0377	Appl. No.: 09/842,416
	First Named Inventor	r:
AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Alejandro Acero	
	Filing Date	Group Art:
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U.S. PATENT DOCUMENTS

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BA	6,040,831	3/21/00	Nishida	345	340	
BB	6,046,7 2 2	4/4/00	McKiel, Jr.	345	145	-
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BD	6,088,031	7/11/00	Lee et al.	345	352	
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BI	Amari S., Cichocki A. and Yang H.H. "A New Learning Algorithm for Blind Separation". In D.S. Touretzky, M.C. Mozer and M.E. Hasselmo, editors, Advances in Neural Information Processing Systems, Vol. 8, pages 757-763. MIT Press, 1996.	
ВЈ	H. Attias, "Independent Factor Analysis," Neural Computation, vol. 11, no. 4, pages 803-851, 1999.	
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ВО	J. Cardoso, "Blind Signal Separation: Statistical Principles." In <i>Proceedings of the IEEE</i> , vol. 90, no.8, pages 2009-2026, 1998.	
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	FORM PTO-1449	Atty. Docket No.: M61.12-0377	Appl. No.: 09/842,416
_	B.F and an analysis and address and	First Named Inventor:	
O\ k	LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Alejandro Acero	
13/2		Filing Date	Group Art:
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CA	J. Cardoso, "Infomax and Maximum Likelihood for Blind Source Separation." In IEEE Signal Processing Letters, vol. 4, no. 4, pages 112-114, 1997.
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CK	
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EXAMINER:

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